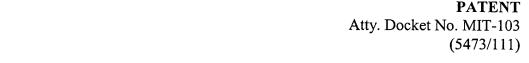
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Kawasaki et al.

SERIAL NUMBER: 09/422,999

GROUP NUMBER: 1646

FILING DATE: 10/22/99 **EXAMINER:** Murphy, J.

TITLE: GENES INTEGRATING SIGNAL TRANSDUCTION

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Commissioner for Patents Washington, D.C. 20231

AMENDMENT AND RESPONSE

Sir:

This paper is responsive to the Office action mailed on April 23, 2002, in the aboveidentified patent application. A petition for a two-month extension of time to respond to the Office action, along with the required fee, is submitted herewith. For the reasons discussed below, Applicants respectfully request reconsideration and withdrawal of the rejections made in the Office action.

Amendments

Please amend the application as follows:

In the Claims:

Please cancel claims 2, 4-7, 9, 11, 38, 39, and 48-49 without prejudice. Please amend claims 45, 50 and 62 as follows: